

Title (en)
ON-LOAD TAP CHANGER HEAD AND ON-LOAD TAP CHANGER HAVING AN ON-LOAD TAP CHANGER HEAD

Title (de)
LASTSTUFENSCHALTERKOPF SOWIE LASTSTUFENSCHALTER MIT LASTSTUFENSCHALTERKOPF

Title (fr)
TÊTE DE CHANGEUR DE PRISES EN CHARGE ET CHANGEUR DE PRISES EN CHARGE MUNI D'UNE TÊTE DE CHANGEUR DE PRISES EN CHARGE

Publication
EP 3465710 A1 20190410 (DE)

Application
EP 17729022 A 20170511

Priority
• DE 102016110221 A 20160602
• EP 2017061302 W 20170511

Abstract (en)
[origin: WO2017207237A1] An on-load tap changer head (20) for an on-load tap changer (10) comprises a first region (21) which is formed in the on-load tap changer head (20) and through which an insulating fluid (17) of the on-load tap changer (10) can flow; a second region (23) which is separated from the first region (21) by a wall (22); a detector apparatus (39) for detecting an elevated flow rate of the insulating fluid (17), comprising a flow control flap (24) which is arranged in the first region (21) and switches from a first position (24A) to a second position (24B) starting from a defined flow rate of the insulating fluid (17); a first coupling magnet (25) which is fastened to the flap (24) and is located in the immediate vicinity of the wall (22) in the second position (24B) of the flow control flap (24); a second coupling magnet (26) which is arranged in the immediate vicinity of the wall (22) in the second region (23); a switch (27) which is arranged in the second region (23) and is coupled to the second coupling magnet (26) in such a way that the process of switching over the flow control flap (24) from the first position (24A) to the second position (24B) operates the switch (27).

IPC 8 full level
H01H 9/00 (2006.01); **H01H 35/40** (2006.01)

CPC (source: EP KR RU US)
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Citation (search report)
See references of WO 2017207237A1

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WO 2017207237 A1 20171207; BR 112018071188 A2 20190212; CN 109313996 A 20190205; CN 109313996 B 20200717; DE 102016110221 A1 20171207; EP 3465710 A1 20190410; EP 3465710 B1 20200422; JP 2019520700 A 20190718; JP 6928617 B2 20210901; KR 20190011736 A 20190207; RU 2018141835 A 20200709; RU 2018141835 A3 20200709; RU 2730939 C2 20200826; UA 125068 C2 20220105; US 11177068 B2 20211116; US 2021225583 A1 20210722; ZA 201806737 B 20190731

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